

ABSTRACT OF THE DISCLOSURE

An inertia increasing seat-recliner assembly for adjusting the angular position of a vehicle seat back relative to a seat bottom is provided. The seat-recliner includes a drive assembly, a driven assembly adapted to be coupled to a seat back, a transmission assembly operably connecting the drive assembly to the driven assembly, and a coupler disposed between the drive assembly and the transmission assembly. The coupler includes a first member and a second member adapted to selectively disengage, thereby increasing inertia in the drive assembly prior to driving the transmission. The first member includes a radial arm appending therefrom and the second member includes a longitudinal arm appending therefrom. The radial and longitudinal arms move relative each other, wherein relative motion causes the arms to engage, thereby driving the transmission.